

Office Action Summary

Application No. 09/030,158	Applicant(s) Akihiko Motegi
Examiner Dov Popovici	Group Art Unit 2722

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Response

A SHORTENED STATUTORY PERIOD FOR RESPONSE IS SET TO EXPIRE **3** MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a response be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for response is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication .
- Failure to respond within the set or extended period for response will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- Responsive to communication(s) filed on _____.
- This action is **FINAL**.
- Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

Claim(s) **1-8** is/are pending in the application.

Of the above claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) **1-8** is/are rejected.

Claim(s) _____ is/are objected to.

Claim(s) _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The proposed drawing correction, filed on _____ is approved disapproved.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

Dov Popovici
DOV POPVICI
PRIMARY EXAMINER

*Certified copies not received: _____

Attachment(s)

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____ Interview Summary, PTO-413

Notice of References Cited, PTO-892 Notice of Informal Patent Application, PTO-152

Notice of Draftsperson's Patent Drawing Review, PTO-948 Other _____

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Specification

1. The abstract of the disclosure is objected to because line 16 contains characters not related to the abstract. Applicant is required to delete the characters found in line 16. Correction is required. See MPEP § 608.01(b).

2. The disclosure is objected to because of the following informalities:

On page 7, line 8, "affirmative" should be --not affirmative--.

Appropriate correction is required.

3. The attempt to incorporate subject matter into this application by reference to Japanese patent application 9-058482 (see page 8, line 9 of this application) is improper because the incorporation of essential material by reference to a foreign application or foreign patent inserted in the specification is improper.

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4. The incorporation of essential material by reference to a foreign application or foreign patent or to a publication inserted in the specification is improper. Applicant is required to amend the disclosure to include the material incorporated by reference. The amendment must be accompanied by an affidavit or declaration executed by the applicant, or a practitioner representing the applicant, stating that the amendatory material consists of the same material incorporated by reference in the referencing application. *In re Hawkins*, 486 F.2d 569, 179 USPQ 157 (CCPA 1973); *In re Hawkins*, 486 F.2d 579, 179 USPQ 163 (CCPA 1973); *In re Hawkins*, 486 F.2d 577, 179 USPQ 167 (CCPA 1973).

Claim Rejections - 35 USC § 112

5. Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites the limitation "said computer" in line 16. There is insufficient antecedent basis for this limitation in the claim.

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Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Notermans et al (U.S. 4,843,571) in view of Collard et al (U.S. 5,825,988).

As to claim 1, Notermans et al discloses a network print system comprising: a computer terminal (1) having, a processor (inherently), a computer user interface (4), and a computer display (5), the processor being configured to produce a print request message in response to information provided through the computer user interface (4), the print request message containing image data; a printer (3) communicatively coupled to the computer terminal (1), the printer (3) having a printer user interface (8) with a data input device (13) and a data display device (14); and a host computer (2 and 6) communicatively coupled to the printer (3) and the computer terminal (1) and configured to receive the print request message, the host computer (2 and 6) having a

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memory (6) in which the image data is stored, and a host computer processor (2) configured to produce a identity code associated with the print request message and send the identity code to the computer terminal (1), wherein the computer terminal (1) being configured to display on the display (5) an indication of the identity code provided by the host computer (2 and 6), the host computer (2 and 6) being configured to recognize when the identity code is input to the printer (3) via the printer user interface (8) and provide the image data to the printer (3) for printing. Notermans et al does not teach wherein the identity code is a job number. Collard et al teaches a network print system wherein stored data files are not printed until a go-ahead print command is received, wherein the go-ahead print command is a name of the data file; (see column 10, lines 30-60). Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Notermans et al wherein: the identity code is a job number. It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Notermans et al by the teaching of Collard et al because (1) for the reasons taught by Collard et al at column 1, lines 20-55 and (2)

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so that the user can identify code can be the job number of the job that the user wants to print.

As to claim 2, Notermans et al does not teach wherein the identity code is a job number and a computer user interface configured to receive a password entered by a user, the processor being configured to produce a print request message containing image data and the password, the host computer having a memory in which the image data and the password are stored, a host computer processor produces a job number and stores the job number in the memory in association with the image data and password and the host processor being configured to recognize when the job number and password are input to the printer via the printer user interface and provide the image data to the printer for printing. Collard et al teaches a network print system wherein stored data files are not printed until a go-ahead print command is received, wherein the go-ahead print command is a name of the data file and a computer user interface configured to receive a password entered by a user, the processor being configured to produce a print request message containing image data and the password, the host computer having a memory in which the image data and the password are stored, a host computer processor produces a job number and stores the job number in the memory in association

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with the image data and password and the host processor being configured to recognize when the job number and password are input to the printer via the printer user interface and provide the image data to the printer for printing (see column 10, lines 30-60). Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Notermans et al wherein: wherein the identity code is a job number and a computer user interface configured to receive a password entered by a user, the processor being configured to produce a print request message containing image data and the password, the host computer having a memory in which the image data and the password are stored, a host computer processor produces a job number and stores the job number in the memory in association with the image data and password and the host processor being configured to recognize when the job number and password are input to the printer via the printer user interface and provide the image data to the printer for printing. It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Notermans et al by the teaching of Collard et al because (1) for the reasons taught by Collard et al at column 1, lines 20-55; (2) so that the user identity code can be the job number of the

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job that the user wants to print; (3) the password can be provided for extra security and making sure that the right user will receive his print job. As for the rest of the claimed subject matter, applicant is directed to the remarks and the discussion made in claim 1 above.

As to claim 3, Notermans et al discloses a printer memory (print queue) configured to hold a user identity code, at least one of the host computer (2 and 6) and the printer (3) being configured to determine if an input data input through the printer user interface (8) matches the identity code and if so providing the image data to the printer (3), the printer (3) being configured to determine whether a identity code input via the printer user interface (8) matches the identity code stored in the printer memory and if so printing a document corresponding to the image data; (see column 5, lines 10-26). As for the rest of the claimed subject matter, applicant is directed to the remarks and the discussion made in claim 2 above.

As to claims 4-5, Notermans et al as modified discloses a secure method for printing a document in a network print system. The steps of claims 4-5 are similar to the network print system of claim 1, and are therefore similarly rejected.

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As to claim 6, Notermans et al as modified discloses a secure method for printing a document in a network print system. The steps of claim 6 are similar to the network print system of claim 2, and is therefore similarly rejected.

As to claim 7, Notermans et al as modified discloses a secure method for printing a document in a network print system. The steps of claim 7 are similar to the network print system of claim 3, and is therefore similarly rejected.

As to claim 8, Notermans et al as modified discloses a secure network print system. The means plus functions of claim 8 are similar to the network print system of claim 1, and is therefore similarly rejected.

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dov Popovici whose telephone number is (703) 305-3830.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

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Commissioner of Patents and Trademarks
Washington, DC 20231

or faxed to:

(703) 308-9051 (for formal communications intended for entry)

(703) 306-5406 (for informal or draft communications, such as
proposed amendments to be discussed at an interview; please
label such communications "PROPOSED" or "DRAFT")

or hand-carried to:

Crystal Park Two
2121 Crystal Drive
Arlington, VA.
Sixth Floor (Receptionist)

Dov Popovici
September 29, 1999


DOV POPOVICI
PRIMARY EXAMINER

Dov Popovici
Primary Examiner
Art Unit 2722